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# OIF 05-07.2 ANALYSIS

26 Apr 2007

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I MEF

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1<sup>st</sup> MLG

Distribution Officer

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MDC OIC (Fwd)



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# MEF Distribution Officer - Billet Overview

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- Monitor, facilitate, and improve sustainment distribution at the strategic and operational levels ensuring smooth transition to the tactical level
- Advocate for convoy mitigation initiatives
- Serve as MNF-W Container Manager
- Integrate and synchronize efforts of multi-functional Logistic Combat Element (LCE) support areas:
  - Supply, Contracting, Transportation, Movement Control, and Information Management
- Monitor and prioritize high visibility cargo movement, i.e. SEI/UUNS
- Monitor and facilitate ITV throughout the distribution pipeline focusing on materiel movement across MNF-W battle space
- Monitor theater common-user transportation lift ISO MNF-W cargo flows
- Manage ACA air challenges
- Manage and execute purple/green sheet process for expediting cargo movement
- Analyze end-to-end distribution processes with joint distribution agencies:
  - CDDOC, MARCENT (MCE-K), 13<sup>th</sup> SC(E), CFLCC, CFACC, AMD
- Develop and maintain MAGTF Distribution informational web page
- Keep Mo out of trouble!!!!

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MDC OPERATIONS

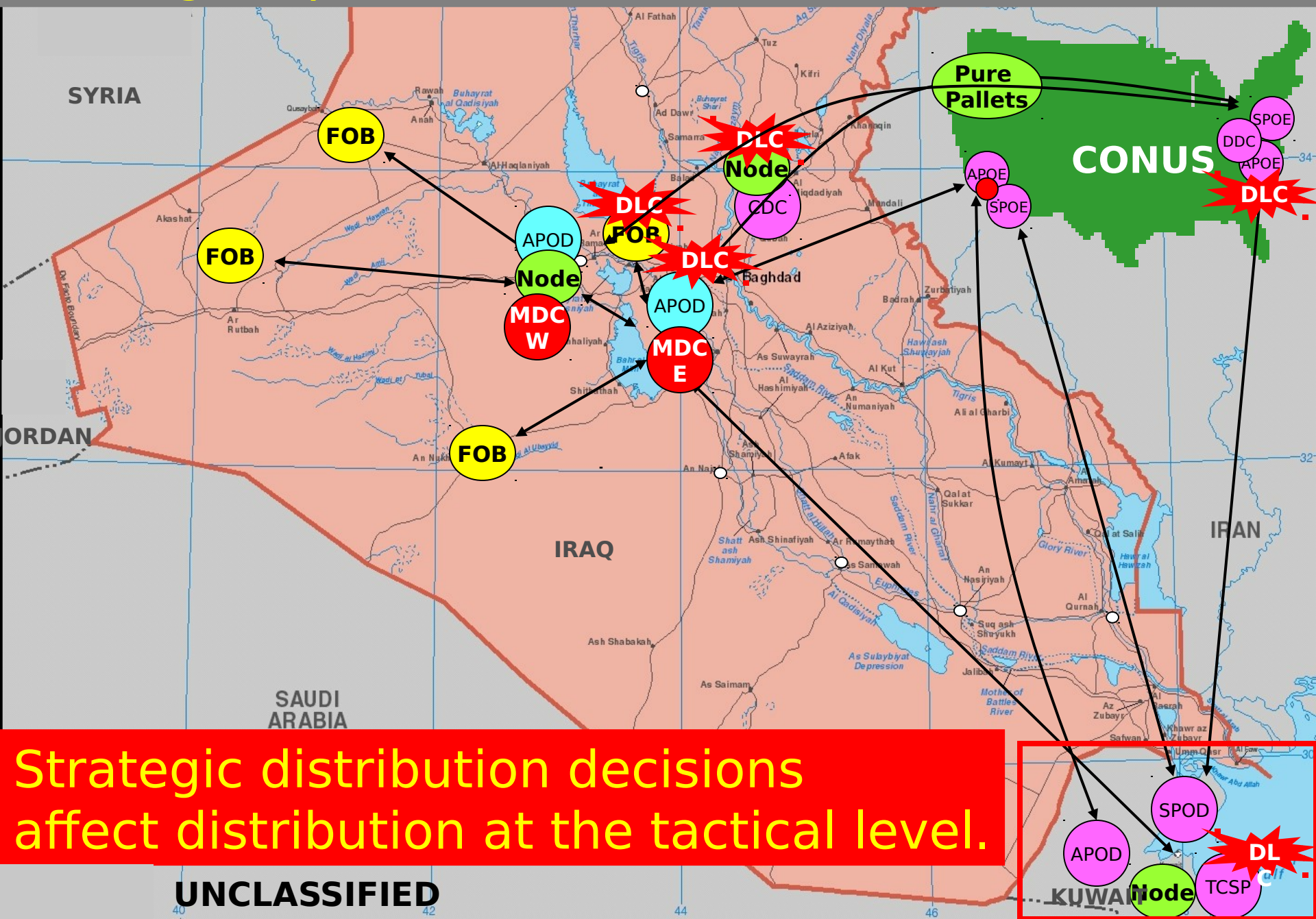
# **MDC Mission**

Provide general support shipping, receiving and consolidated distribution capability and facilitate E2E in-transit visibility for Multi-National Force-West (MNF-W) units in order to maintain throughput velocity and sustain operational tempo.

# MDC Capabilities

- Ground Freight receiving and shipping (AMS-TAC)
- Air Freight receiving and shipping (AMS-TAC, D-CMOS, GATES)
- In-Transit Visibility (BCS3, W2W/LTM, Interrogator Network)
- Container Management
- Throughput nodes at Charleston SC, Arifjan, Fallujah, Al Asad, Ramadi, and Balad

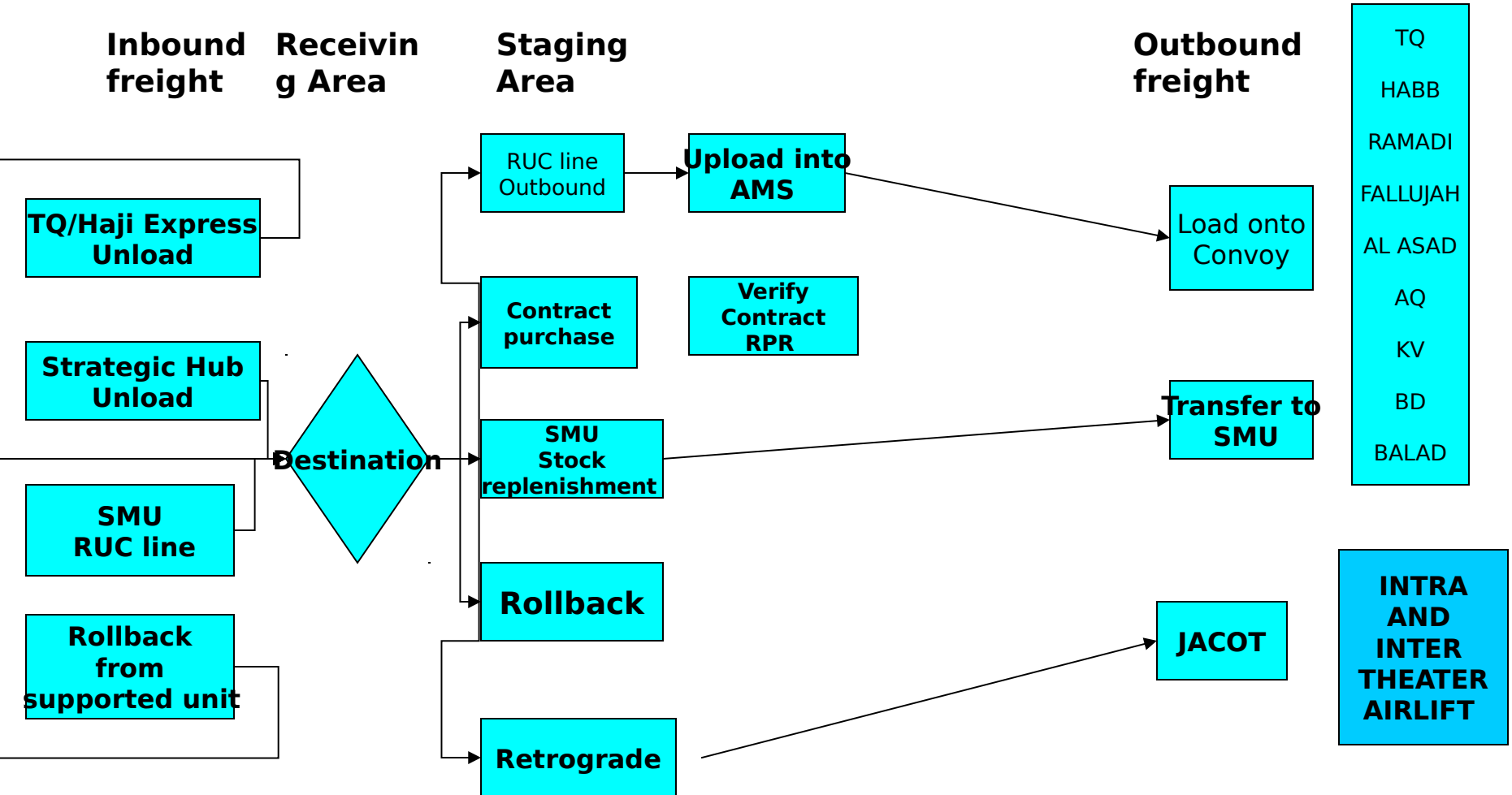
# Strategic/Operational/Tactical Distribution Process



Strategic distribution decisions affect distribution at the tactical level.

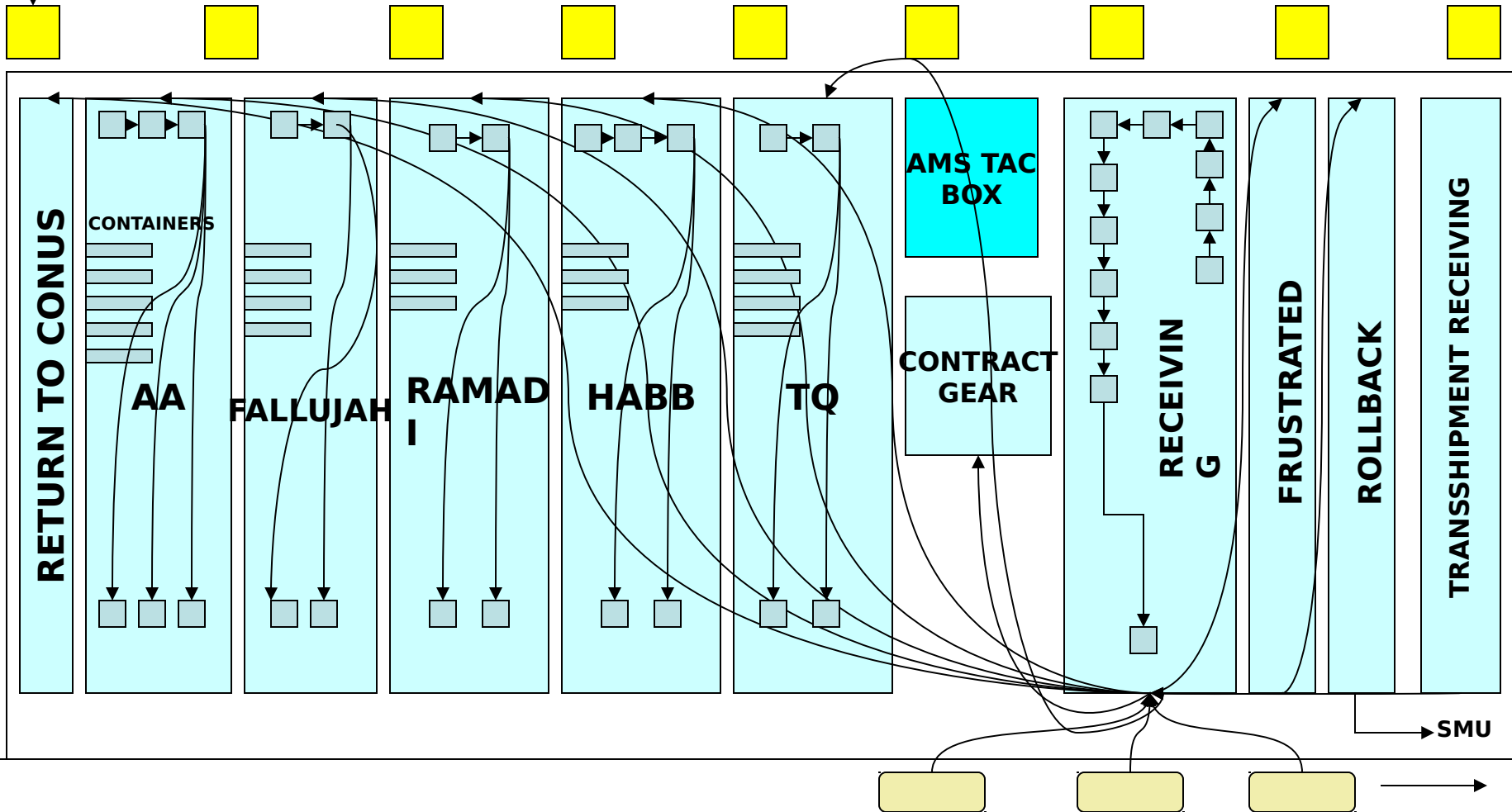
# MAGTF Distribution Center

## Cargo Flow



# MDC RECEIVING AND RUC LINES

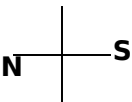
FLOODLIGHTS



OVERFLOW RECEIVING AREA

FREIGHT  
OPS

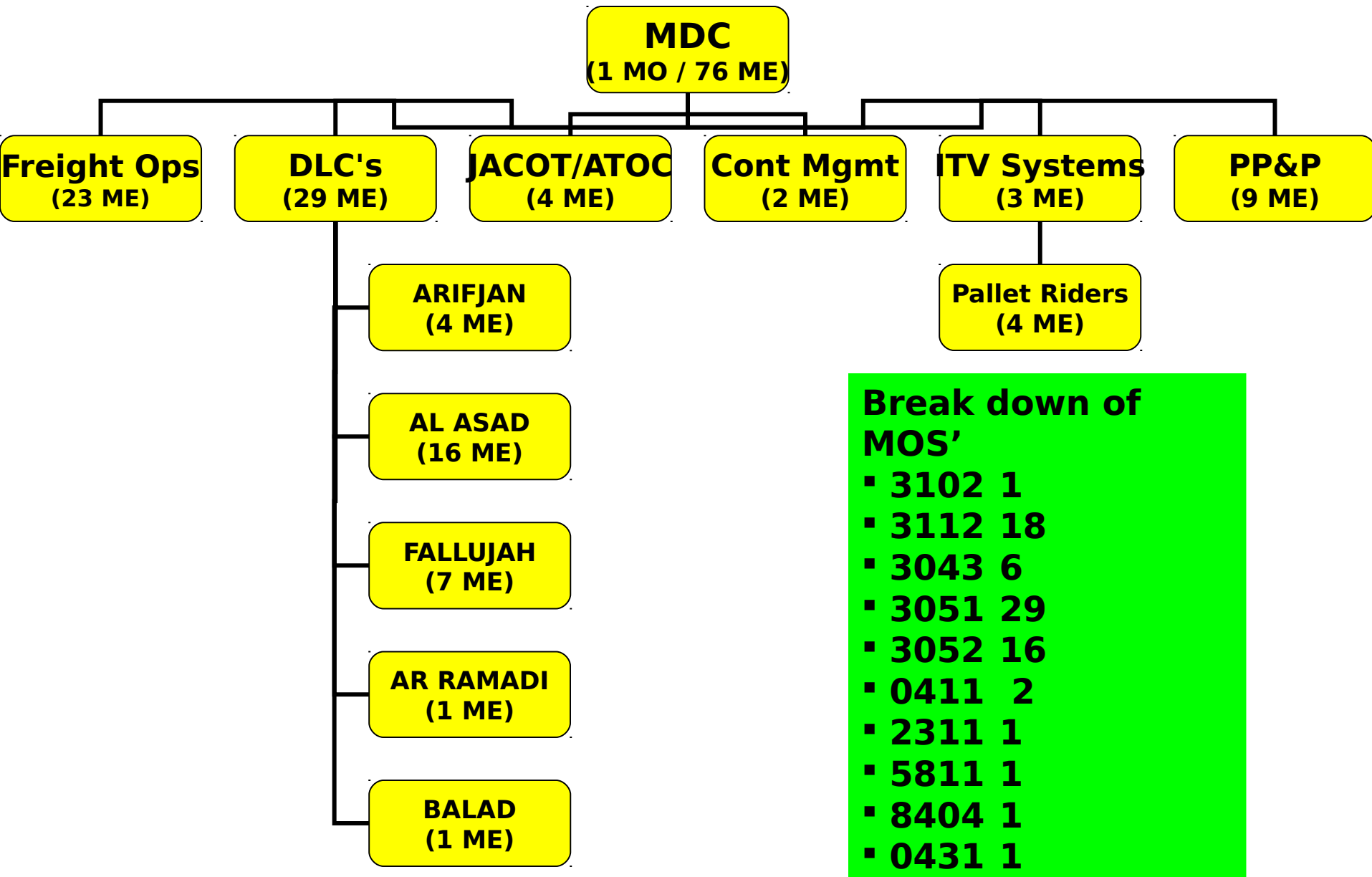
RECEIVING AREA FOR CONTAINERS





# 1st MLG 31XX Table of Organization/Table of Equipment

# Material Distribution Center



# Discussion

- The 1st MLG CLR-15 Supply Management Unit (SMU) Materiel Distribution Center (MDC) is responsible for the distribution of sustainment cargo in support of the MAGTF and should be fully staffed with deployable and proficient subject matter experts.
- The MDC is currently an adhoc organization with-in the MLG and does not possess a hard-lined Table of Organization (T/O) or Table of Equipment (T/E).
- Prior to OIF, 31XX's with-in FSSG's were assigned to Landing/Transportation Support Battalions (TSB); however, during the initial phases of OIF, 31XX's were transferred from TSB to Supply Battalion to serve as an element of the MDC to effect the distribution of sustainment supplies.
- During OIF 05-07 significant 31XX shortfalls existed w/in the MDC and Distribution Liaison Centers (DLC) which required other occupational field specialists, i.e., Supply, PP&P, Ammo Techs, and Corpsman to perform 31XX functions.
- 31XX manpower shortfalls have a negative impact on MDC and DLC operations, & also affect other logistic occupational fields with-in the MLG that were required to support the MDC.

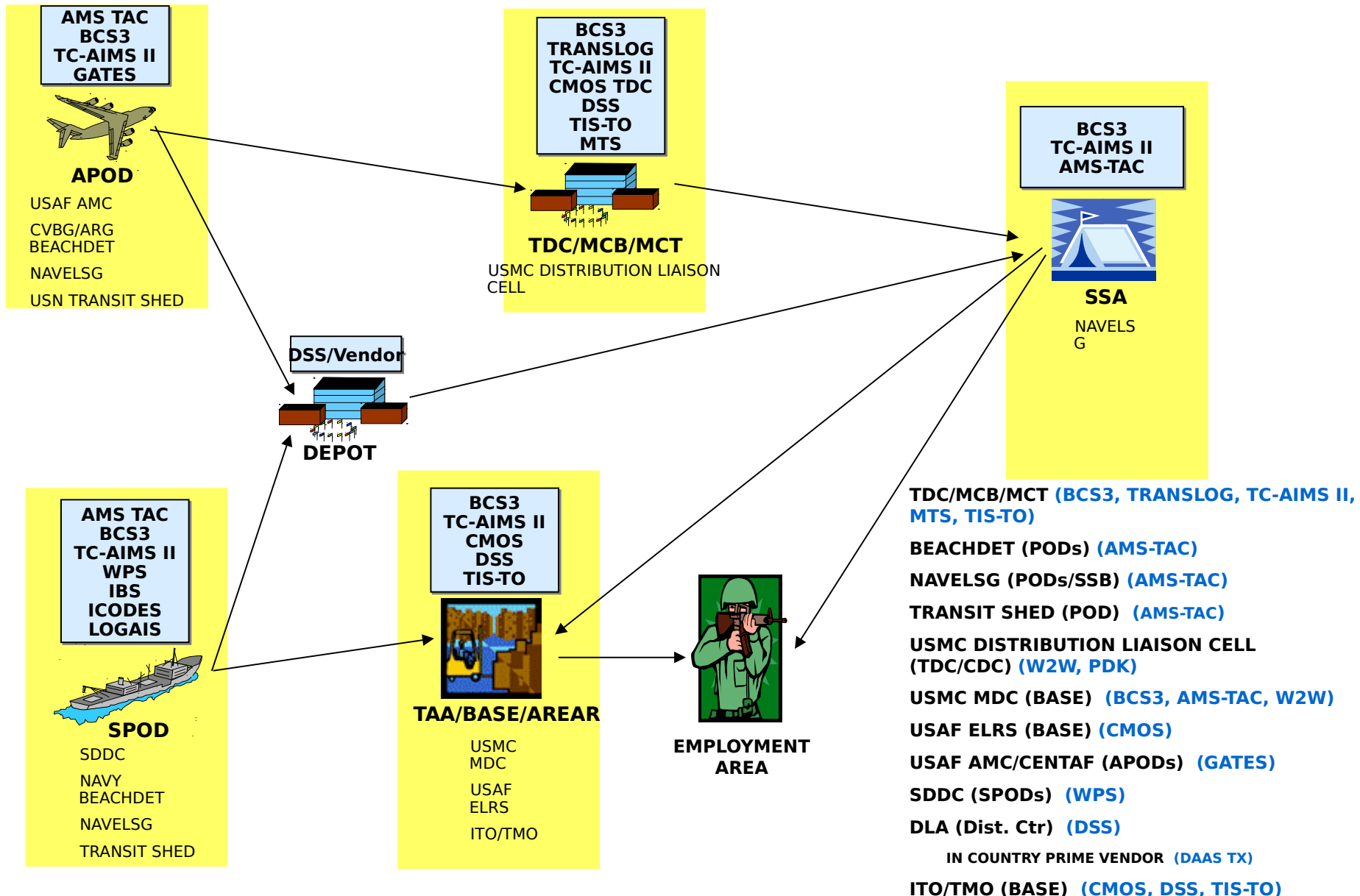
# Recommendation

- Develop a MDC T/O and T/E and staff MLG's with deployable and proficient 31XX's in order to effectively support the MAGTF's sustainment distribution requirements.

# **Automated Information Systems and Automated Information Technology**

- Segmented Processes & Incompatible Solutions
  - Marines lack common basic knowledge on all distribution AIT/AIS systems.
  - DLCs lack common feedback for inbound cargo.
  - Many users cannot connect to CONUS websites due to CAC restrictions on the servers
  - NO EXPEDITIONARY DISTRIBUTION SOLUTION for the same transportation data that can be easily re-distribute vice hand jamming the data every time the cargo relocates (redundant and tedious process).
- Why ?
  - Four Armed Service based approaches
  - Executors lack understanding their role in total system performance
  - Lack of a Joint Business Network
  - NO JOINT DEVELOPMENTAL ENVIRONMENT

# Theater Distribution Environment (As-Is)



# RECOMMENDATION

- ❑ We need a system that captures and maintains reliable data across the logistics pipeline in order to properly redistribute information across all services transportation AIS/AIT.
- ❑ Systems interfaces needs to be conducted 3-6 months prior to deployment and coordination w/G-6 is critical.



# OIF 05 0712 AFTER ACTION REPORT/LESSONS LEARNED

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- Air Transportability Test Loading Agency (ATTLA) Certification Process
- Marine Corps Airlift Eligibility Criteria
- Shipment of Commercial Vendor Procured Equipment and Supplies
- Hazardous Material (HAZMAT) Certification
- Marine Corps Expeditor at Charleston, AFB





# OIF 05 0712 AFTER ACTION REPORT/LESSONS LEARNED

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- Marine Corps Air Clearance Authority (ACA)/ Procurement Traffic Section, MCLB Barstow Hours of Operations/Manpower Shortfalls
- Traffic Management Officer Employment w/in 1<sup>st</sup> MLG G-3 LMCC
- 31XX Occ Fld Training/Proficiency
- Redundant Shipping Activities ISO the MAGTF



# OIF 05 0712 AFTER ACTION REPORT/LESSONS LEARNED

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- Cargo Routing/Accountability Requirements Influences Ineffective Distribution Processes
- CENTCOM AOR Theater Channel Airlift System Transportation Priorities
- Worldwide Express (WWX)/International Heavyweight Express (IHX) Commercial Air Cargo Service
- 3rd Party Commercial Carrier Account

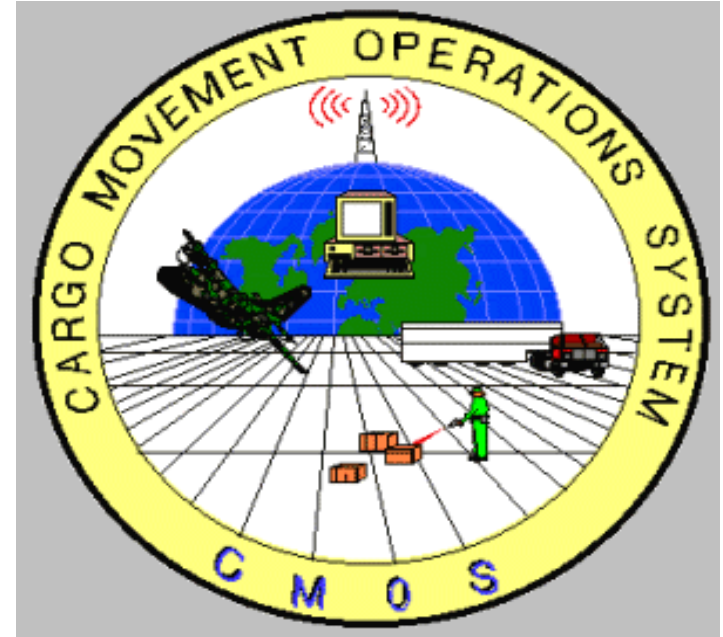
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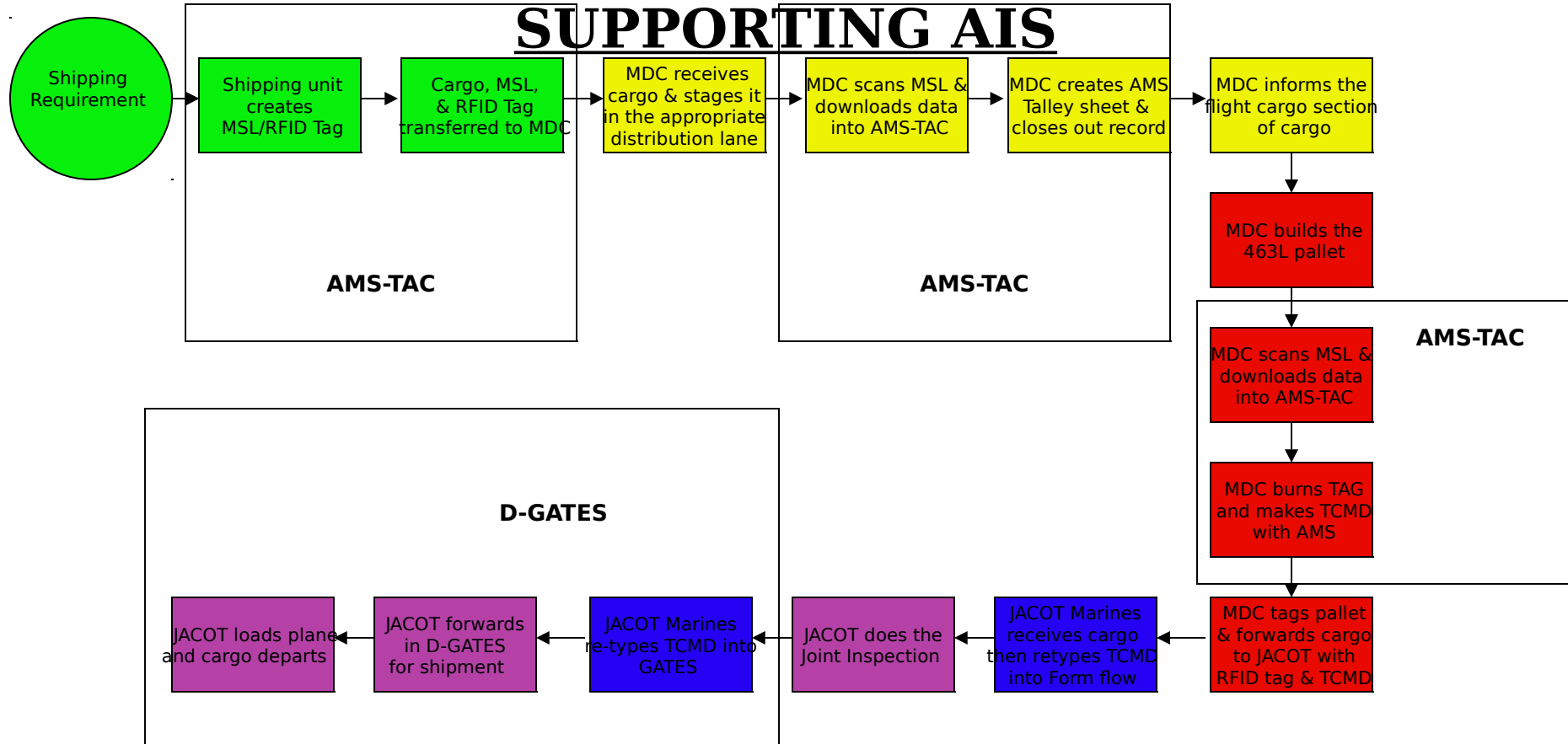
# Deployable-Cargo Movement Operations System (D-CMOS)

- Locations
  - TQ
  - Al Asad
- Trained
  - 10 Marines
- Improved processes
  - Air TCMD data
  - Electronic data input into D-GATES

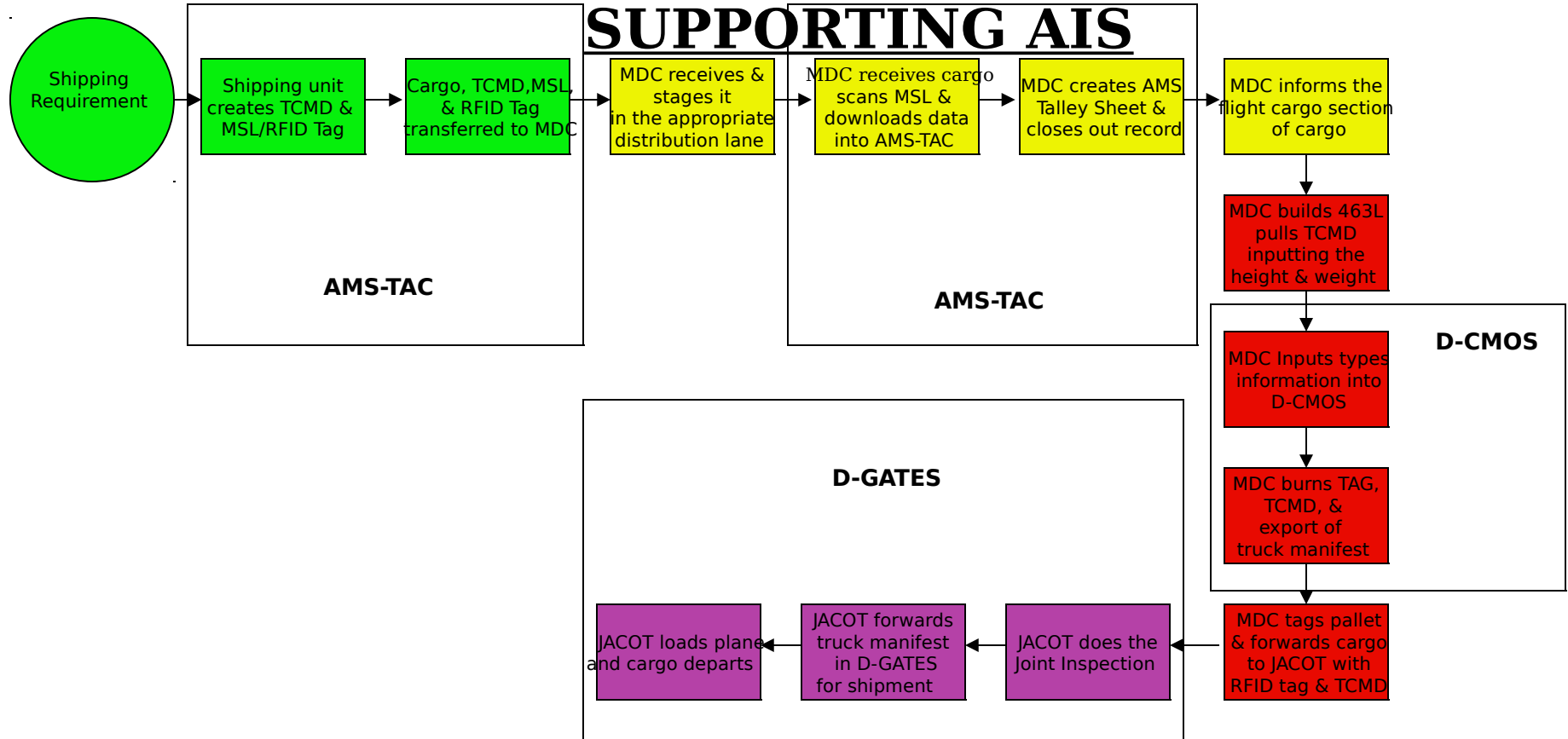


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# TQ “Before” AIR FREIGHT SHIPPING PROCESS AND SUPPORTING AIS



# TQ “After” AIR FREIGHT SHIPPING PROCESS AND SUPPORTING AIS







TQ MDC



FALLUJAH DLC



AL ASAD DLC



Kuwait DLC





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# Questions?

*Carl's golf ball has to be around here somewhere.*

